

>>This resume was generated entirely in Python. For full source code, see portfolio link below.

# SONYA LAWRENCE-THOMPSON

## Financial Analysis & Data Science

### PROJECTS/PUBLICATIONS

#### Personal Reading Trends

- Captivating visualization of personal literary journey
- Interactive Power Bi dashboard and word clouds
- Read 1 book per month; goal achieved

#### US Data-Job Salary Trends

- Created in a Jupyter Notebook using Python
- In-depth analysis of North American data related job salaries
- Personal research and data analysis for salary negotiation

#### IBM Data Science Capstone

- Real-world Data Science problem simulation
- Successfully predicted likelihood of Falcon 9 first stage landing
- Created machine learning model for accurate aerospace predictions

### EXPERIENCE

#### Financial Analyst

##### Jacksonville Orthopaedic Institute

Sep 2022 - Oct 2023

- Created new data management tools and dashboards for 7 facilities
- Implemented budget processes and conducted monthly variance analysis
- Automated company-wide processes with SQL, Excel, PowerBi and Python

#### Data Quality Analyst

##### FCRD Services

Nov 2020 - Sep 2022

- Built and maintained financial models for ROI and cash flow projections
- Designed key performance indicators to guide company wide data analysis
- Developed dashboards to measure and monitor product and service effectiveness

#### Accountant Assistant

##### Indiana Stamp Company

Dec 2019 - Nov 2020

- Oversaw daily and monthly bank reconciliation statements
- Streamlined accounts payable procedures, improving efficiency by over 90%
- Safeguarded customer data using proprietary software and cloud-based systems

#### Staff Accountant/Office Manager

##### BT'S Plumbing and Heating

Jul 2016 - Oct 2019

- Lead company-wide data transformation from hardware to software
- Analyzed complex business problems, providing practical solutions
- Managed financial data using QuickBooks, Excel, and other business software

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### SKILLS

- Excel
- SQL
- Python
- Pandas
- NumPy
- Data Visualization
- Data Cleaning
- Probability/Statistics
- Data Manipulation
- Data Storytelling
- Power Bi

### EDUCATION

#### Huntington University Bachelors Degree Cum Laude

2012 - 2016

Major 1: Accounting  
Major 2: Psychology  
Minor: Management

#### EdX

##### Professional Certificate

2022

Major: Data Science

Learned:

- Python, R, SQL,
- Web-Scraping
- Data Cleaning
- Data Manipulation
- Machine Learning
- Data Analysis
- Data Visualization

### Fun Facts

Fluent in conversational Spanish  
ESL Certified Instructor  
Karate - Orange Belt

<https://sonya-personal-website.vercel.app/about/>